

**SECTION 08 32 00
INTERIOR FRAMELESS SUSPENDED SLIDING GLASS DOORS**

The Sliding Door Company's product combines operable sliding glass doors with stationary glazed panels to create a sophisticated system for partitions, room dividers, and office fronts. The systems are easily installed, designed to allow for natural light and even offer solutions to save energy and money. Visit any of our showrooms in North America to experience the range of design possibilities.

Documents related to our interior aluminum doors and frames are available at <https://www.slidingdoorco.com/for-trade/>.

Drawing Coordination:

Client provided layouts should include locations of doors and glazed lights, directions of operation, and sizes of openings in addition to surrounding structures. If formal shop drawings are required, they will be indicated on the estimate and order forms for each specific project.

The Sliding Door Company, Inc.

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PART 1 - GENERAL

1.1 SUMMARY

A. Section includes frameless glazed sliding doors

B. Related Requirements:

1. Section 05 50 00 – Metal Fabrications.
2. Section 08 71 00 – Door Hardware.
3. Section 08 80 00 – Glazing.

C. References:

1. American Society for Testing and Materials (ASTM).
 - a. ASTM C1048, Heat-Treated Flat Glass – Kind HS, Kind FT Coated and Uncoated Glass.
 - b. ASTM C1036, Standard Specification for Flat Glass.
 - c. ASTM A240, Standard Specification for Stainless Steel Sheet and Plate
 - d. ASTM A276, Standard Specification for Stainless Steel Bars and Shapes
 - e. ASTM A269, Standard Specification for Stainless Steel Tubing
2. American National Standards Institute (ANSI).
 - a. ANSI Z97.1-2009, Impact Class A.
3. International Building Code 2018 (IBC 2018).
4. U.S. Consumer Product Safety Commission (CPSC).
 - a. CPSC 16 CFR 1201, Category II, Safety Standard for Architectural Glazing Materials.
5. American Society of Civil Engineers (ASCE).
 - a. ASCE 7-10, Wind Provisions and Effects on Wood Design and Construction

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salesupport@slidingdoorco.com

1.2 ADMINISTRATIVE REQUIREMENTS

- A. Field-verify dimensions and clearances for openings scheduled to receive Work of this Section.
- B. Scheduling:
 - 1. Ordering and Delivery: Order products with sufficient lead time to avoid delays in project schedule.
 - 2. Installation: To extent practical, install work after surrounding finish Work is complete. (Last trade in)

1.3 ACTION SUBMITTALS

- A. Product Data: Include fabrication details, glass types, installation and operating instructions for each type of sliding door.
- B. Shop Drawings (If requested by the client, for a fee):
 - 1. Include plans, elevations, and details.
 - 2. Delegated Design Submittals: A continuous structural wood header is required and provided by client. For installations beyond or outside the limitations, provide drawings and calculations signed by an engineer, indicating components and connections, demonstrating compliance with applicable regulations.
- C. Samples for Verification:
 - 1. Glass: Approximately 3 inches square.
- D. Warranty: Submit sample of manufacturer's standard warranty.

1.4 CLOSEOUT SUBMITTALS

- A. Operation and maintenance data (If frosted glass is selected, please see specific cleaning details). Include Frosted Glass Warning.
- B. Executed warranty.

1.5 QUALITY ASSURANCE

- A. Installer: **[Approved by manufacturer or client provided installation company.] <Insert experience requirements.>** Retain paragraph below if required for projects with installations that are not attached to ceilings or other structure above. Coordinate with Action Submittal requirement for delegated design shop drawing submittal.
- B. Non-TSDC Installers: Client provided installers/Licensed in project jurisdiction.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver products after space is enclosed and wet work is complete.
- B. Acceptance: Inspect packaging and report noticeable damage to manufacturer within 48 hours of receiving.

C. Storage: Store in original packaging, up to ten degrees from vertical, on level floor surface.

D. Handling: Handle in accordance with manufacturer's installation instructions and to prevent damage.

1.7 WARRANTY

A. See separate warranty document.

PART 2 - PRODUCTS

2.1 MANUFACTURER

A. Manufacturer: **The Sliding Door Company, Inc.**

20235 Bahama St., Chatsworth, CA 91311

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Email: salesupport@slidingdoorco.com

Web: www.slidingdoorco.com

B. The Sliding Door Company owns factory to field and can provide the full solution. (Providing complete system from single manufacturer.)

C. Substitutions:

1. Substitutions will not be considered.

2. Substitutions will be considered according to **[Instructions to Bidders.][Division 01 Requirements.]**

2.2 COMPONENTS

A. Upper Tube:

1. Stainless steel tube, 0.083 inch minimum metal thickness.

2. Installation: **[Surface-mounted.][Wall-mounted.]**

3. Finish: **[Brushed Silver][Powder Coat Black]**

B. Bottom Wheel Guide:

1. Stainless steel, 0.125 inch minimum metal thickness.

2. Installation: **[Surface-mounted.][Wall-mounted.]**

3. Finish: **[Brushed Silver][Powder Coat Black]**

C. Glass: Category II Safety Glazing per CPSC 16 CFR 1201.

1. Monolithic Clear Tempered Glass: 10 mm thick, ASTM C1048, Kind FT.

a. **Clear**

b. **Commercial Frosted Film: Poly(vinyl) chloride with bonded plasticizer**

2.3 HARDWARE

A. Handles:

1. Round Designer Handle (Stainless Steel) **[Single][Double], [9" ht][12" ht][14"ht] x [5/8" Dia].**

2. Flush Handle (Stainless Steel)**[Brushed Silver][Powder Coat Black].**

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B. Upper Roller Carriages: Stainless Steel metal rollers with Vinyl liner with steel bearings.

C. Door Stop: For head, as indicated in Shop Drawings.

2.4 FABRICATION AND ASSEMBLY

A. Door Design:

1. [Solo: Single light.]

B. Factory Assembly: Fabricate door components to finished sizes in factory [, **except provide field splicing at locations indicated in Shop Drawings to accommodate handling and access limitations**].

2.5 ACCESSORIES

A. Fasteners: As indicated in Shop Drawings.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify that openings and substrates are acceptable for installation of work of this section.

3.2 INSTALLATION

A. Install systems according to Shop Drawings and manufacturer's installation instructions.

3.3 ADJUSTING, CLEANING AND PROTECTION

A. Adjust doors for smooth operation.

B. Comply with manufacturer's written recommendations for cleaning and maintenance.

C. Clean aluminum and glass surfaces immediately after installing sliding doors.

D. Protect surfaces from impact and from contact with contaminating substances resulting from other construction operations. Typically, this product is last trade in.

E. Clean immediately before Substantial Completion.

3.4 CLOSEOUT REQUIREMENTS

A. Deliver executed Warranty.

NOTE: Client has full ownership for site conditions and readiness prior to The Sliding Door Company product being installed.

END OF SECTION

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Qualified design and construction professionals may copy for preparation of construction specifications.
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